



MARCH PUMPS

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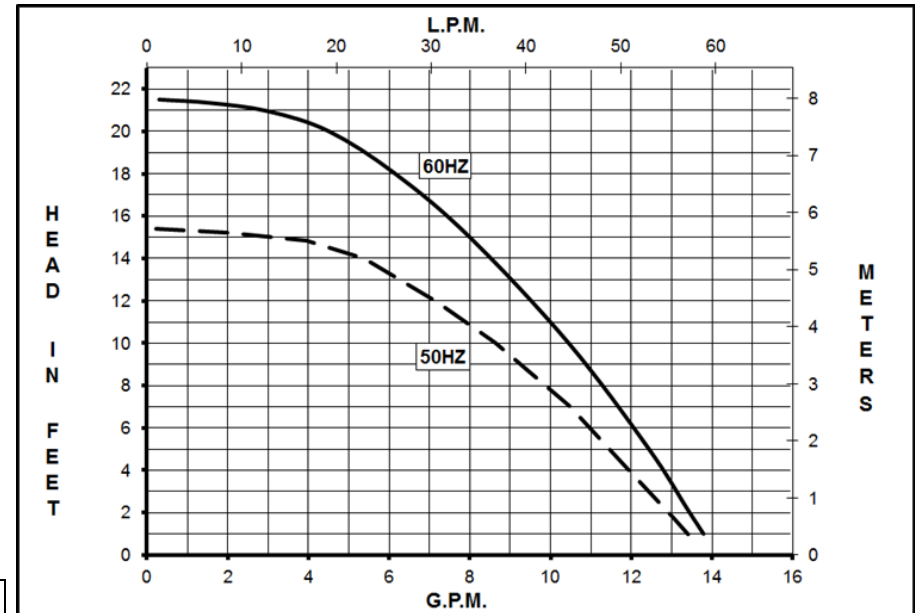
DESCRIPTION: [Series 4 are centrifugal magnetic drive pumps](#), eliminating the need for a shaft seal. Pumps can be serviced with a screwdriver. See the parts list for a breakdown of parts.

OPERATION: Pumps are not self-priming, lack a suction lift, and thus require a **flooded suction**. Pumps **cannot be run dry** because the impeller requires the liquid being pumped for lubrication. For liquids with a specific gravity greater than water, have a higher viscosity, or for elevated temperatures, a trimmed impeller may be necessary. For application assistance, contact March Pump.

ELECTRICAL: AC models have an impeller with exposed magnet. BC models have an encapsulated impeller. Motors are available in 115 V 50/60 Hz, or 230 V 50/60 Hz, 1 phase. Motors have a 3 ft. (0.9 m) cord and. The motors are UL listed and are rated for continuous duty.

MODEL ABBREVIATIONS: C: Threaded Inlet/Outlet, A: Smooth Inlet/Outlet

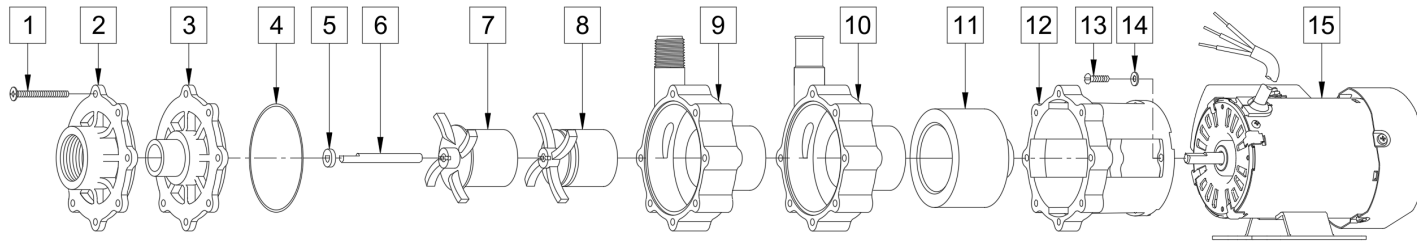
AC-4C-MD, AC-4A-MD, BC-4C-MD, BC-4A-MD



Specifications		AC-4C-MD	AC-4A-MD	BC-4C-MD	BC-4A-MD
Product	115V	0145-0075-0100	0145-0077-0100	0145-0079-0100	0145-0081-0100
	230V			0145-0080-0100	0145-0082-0100
Inlet-Outlet		1" FPT-1/2" MPT	1" OD-3/4" OD	1" FPT-1/2" MPT	1" OD-3/4" OD
Max Internal Pressure		50PSI (344 kPa)	50PSI (344 kPa)	50PSI (344kPa)	50PSI (344 kPa)
Max Liquid Temperature		190F (87C)	190F (87C)	190F (87C)	190F (87C)

	60Hz										50Hz									
	Max Flow		Max Head			Electrical					Max Flow		Max Head			Electrical				
Model	GPM	LPM	Feet	PSI	M	Ph	Voltage	AMPS	HP	kW	GPM	LPM	Feet	PSI	M	Ph	Voltage	AMPS	HP	kW
AC-4C-MD	14	53	21.5	9.3	6.55	1	115	1.58	1/10	0.07	13.2	50	15.4	6.7	4.7	1	115	1.5	1/10	0.07
AC-4A-MD	14	53	21.5	9.3	6.55	1	115	1.58	1/10	0.07	13.2	50	15.4	6.7	4.7	1	115	1.5	1/10	0.07
BC-4C-MD	14	53	21.5	9.3	6.55	1	115 or 230	1.58 or 0.68	1/10	0.07	13.2	50	15.4	6.7	4.7	1	115 or 230	1.5 or 0.6	1/10	0.07
BC-4A-MD	14	53	21.5	9.3	6.55	1	115 or 230	1.58 or 0.68	1/10	0.07	13.2	50	15.4	6.7	4.7	1	115 or 230	1.5 or 0.6	1/10	0.07

All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.



NOTE: When attaching the Drive Magnet to the motor shaft, position the face of the Drive Magnet 1/16 inch below the face of the Motor Bracket.

AC-4C-MD				AC-4A-MD			
Item	Part Number	QTY REQ	Description	Item	Part Number	QTY REQ	Description
1	0150-0021-1000	7	#8-32 x 1-3/4" LG. Screw (Stainless Steel)	1	0150-0021-1000	7	#8-32 x 1-3/4" LG. Screw (Stainless Steel)
2	0150-0032-1000	1	Cover with 1" FPT Inlet (Polypropylene)	3	0150-0150-1000	1	Cover with 1" OD Inlet (Polypropylene)
4	0750-0987-1000	1	0.078" CS x 2.834" ID O-Ring (Buna N)	4	0750-0987-1000	1	0.078" CS x 2.834" ID O-Ring (Buna N)
5	0130-0028-1000	1	Thrust Washer (Ceramic)	5	0130-0028-1000	1	Thrust Washer (Ceramic)
6	0130-0024-1000	1	Shaft (Ceramic)	6	0130-0024-1000	1	Shaft (Ceramic)
8	0145-0011-0100	1	Bare Magnet Impeller (Polypropylene and Magnet)	8	0145-0011-0100	1	Bare Magnet Impeller (Polypropylene and Magnet)
9	0150-0031-0100	1	Rear Housing with 1/2" MPT Outlet and Thrust Washer (Polypropylene/Ceramic)	10	0150-0159-0100	1	Rear Housing with 3/4" OD Outlet and Thrust Washer (Polypropylene/Ceramic)
11	0145-0027-0100	1	Drive Magnet	11	0145-0027-0100	1	Drive Magnet
12	0145-0010-1000	1	Motor Bracket (Plastic)	12	0145-0010-1000	1	Motor Bracket (Plastic)
13	0618-0027-1000	4	#8-32 x 5/8 Lg. Screw (Stainless Steel)	13	0618-0027-1000	4	#8-32 x 5/8 Lg. Screw (Stainless Steel)
14	0858-0004-1000	4	#8 Washer Flat (Stainless Steel)	14	0858-0004-1000	4	#8 Washer Flat (Stainless Steel)
15	0145-0035-1200	1	BC Motor, 115V, 50/60Hz	15	0145-0035-1200	1	BC Motor, 115V, 50/60Hz
W	0145-0045-0200	1	Wet End Kit (Items: 1, 2, 4, 5, 6, 8, 9)				
BC-4C-MD				BC-4A-MD			
1	0150-0021-1000	7	#8-32 x 1-3/4" LG. Screw (Stainless Steel)	1	0150-0021-1000	7	#8-32 x 1-3/4" LG. Screw (Stainless Steel)
2	0150-0032-1000	1	Cover with 1" FPT Inlet (Polypropylene)	3	0150-0150-1000	1	Cover with 1" OD Inlet (Polypropylene)
4	0750-0986-1000	1	0.078" CS x 2.834" ID "O" Ring (Viton)	4	0750-0986-1000	1	0.078" CS x 2.834" ID "O" Ring (Viton)
5	0130-0028-1000	1	Thrust Washer (Ceramic)	5	0130-0028-1000	1	Thrust Washer (Ceramic)
6	0130-0024-1000	1	Shaft (Ceramic)	6	0130-0024-1000	1	Shaft (Ceramic)
7	0145-0033-0200	1	Encapsulated Impeller (Polypropylene)	7	0145-0033-0200	1	Encapsulated Impeller (Polypropylene)
9	0150-0031-0100	1	Rear Housing with 1/2" MPT Outlet and Thrust Washer (Polypropylene/Ceramic)	10	0150-0159-0100	1	Rear Housing with 3/4" OD Outlet and Thrust Washer (Polypropylene/Ceramic)
11	0145-0027-0100	1	Drive Magnet	11	0145-0027-0100	1	Drive Magnet
12	0145-0010-1000	1	Motor Bracket (Plastic)	12	0145-0010-1000	1	Motor Bracket (Plastic)
13	0618-0027-1000	4	#8-32 x 5/8 Lg. Screw (Stainless Steel)	13	0618-0027-1000	4	#8-32 x 5/8 Lg. Screw (Stainless Steel)
14	0858-0004-1000	4	#8 Washer Flat (Stainless Steel)	14	0858-0004-1000	4	#8 Washer Flat (Stainless Steel)
15	0145-0035-1200	1	BC Motor, 115V, 50/60Hz	15	0145-0035-1200	1	BC Motor, 115V, 50/60Hz
15	0145-003-61200	1	BC Motor, 230V, 50/60Hz	15	0145-0036-1200	1	BC Motor, 230V, 50/60Hz
W	0145-0046-0200	1	Wet End Kit (Items: 1, 2, 4, 5, 6, 7, 9)				

NOTE: Contact Factory for other materials and/or parts not listed.

Special voltage motors are available upon special order.

Materials in Contact with Solution: AC: Polypropylene, Ceramic, Buna N, Ceramic Magnet. BC: Polypropylene, Ceramic, Viton

WARRANTY: <https://www.marchpump.com/about/warranty/>

Rev 0145-0023-1000 Rev 8.22.2025